

Adopted March 2021. Supersedes all older Matrices and all other Safety Rules.					
20 Person Dragonboat Paddling Zones SAFETY MATRIX					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
Water Flow	Below 35k cfs	35-40k cfs	Below 40k cfs	40-50k cfs Daylight Only	Above 50k cfs
Water temp	Above 60°	Above 60°	50-60°	Above 40°	Below 40°
Boat Type	Dragonboat-20	Dragonboat-20	Dragonboat-20	Dragonboat-20	All Restricted
Rescue Boat / Launch to DB Ratio	Adult: Not Required Youth: Minimum of 1 rescue boat for every 2 DB's	Adult: Not Required Youth: Minimum of 1 rescue boat for every 2 DB's	Adult: Not Required Youth: Minimum of 1 rescue boat for every 2 DB's	One rescue boat for DB or 2 DB's each with 10 to 12 paddlers*	
Coach Certification	TRRA- equivalent certification	TRRA- equivalent certification	TRRA- equivalent certification	TRRA- equivalent certification	
PFD requirement for Paddlers	In boat or wearing for non-swimmers or non-TRRA members	In boat or wearing for non-swimmers or non-TRRA members	Vest type required to wear	Vest type required to wear	
Requirements for Helm, Drummer, and Launch drivers	Vest PFD must be worn at all times. Helm must be experienced or paracite under an experienced helm onboard	Vest PFD must be worn at all times. Helm must be experienced	Vest PFD must be worn at all times. Helm must be experienced	Vest PFD must be worn at all times Helm must have 3 years helm experience in similar conditions	
Communication Requirement	Protected cell phone recommended in each launch or each DB not accompanied by a launch	Protected cell phone required in each launch or each DB not accompanied by a launch	Protected cell phone required in each launch or each DB not accompanied by a launch	Protected cell phone required in each launch or each DB not accompanied by a launch	
Skill level of Paddlers	Any level	TRRA organized teams	TRRA organized teams	TRRA organized teams. Minimum of 10 paddlers	

Notes:

1. All high school or middle school boats must be accompanied by a launch at all times and in all conditions

2. Safety items to be included in each launch under all conditions : one space blanket per rower or paddler, and bailer or pump. In rough water, one pump recommended in each DB

3. Additional requirements for Zone 4: as noted in the original Zones chart

4. A rescue boat may be another DB with a minimum of 10 paddlers When a DB is used as a Rescue Boat it is restricted to within 1 mile of the island